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Fujitsu recommends Windows 7.

DATASHEET
FUJITSU LIFEBOOK E780 NOTEBOOK

THE MOBILE TOP PERFORMER

LIFEBOOK E780

The simple philosophy behind LIFEBOOK E780: only the best is good enough. State-of-the-art Intel® technology and an optional NVIDIA® graphics card ensure brilliant graphics and best performance. This 39.6cm (15.6-inch) notebook supports HD or HD+ display with LED backlight. With features like fingerprint and Fujitsu's Advanced Theft Protection (ATP) your notebook is secured from any data theft.

MORE THAN ENOUGH PERFORMANCE

Maximum productivity even for the most demanding of applications thanks to state-of-the-art technology.

- Intel® Core™ i5 or i7 processor, Intel® vPro™ technology, optional high-performance NVIDIA® graphics card

IDEAL SUBSTITUTE FOR A DESKTOP

Effective working even for the most demanding of users in all situations.

- 39.6 cm (15.6-inch) HD or HD+ display, modular bay, optional second 500GB hard disk drive

MAXIMUM CONNECTIVITY

Be available wherever you are; wireless connectivity anytime anywhere, even if there is no hotspot nearby.

- Integrated DisplayPort, eSATA, serial port, optional integrated 3G/UMTS, WLAN and Bluetooth

MAXIMUM SECURITY

Protect your company data against unauthorized third-party access.

- Benefit from our end-to-end anti-theft concept with system and user protection, such as Computrace® enabled BIOS and Advanced Theft Protection, integrated SmartCard slot, optional fingerprint sensor, TPM module and SmartCase Logon+

GREAT FLEXIBILITY

The family concept offers standard accessory components for LIFEBOOK E780 and S710.

- Standardized port replicator, power supply unit, keyboard and modular bay for optical drive, second battery or second hard disk drive

COMPONENTS

PROCESSOR	Intel® Core™ i7-640M processor (2.80 GHz, 4 MB)	
	Intel® Core™ i7-620M processor (2.66 GHz, 4 MB)	
	Intel® Core™ i5-560M processor (2.66 GHz, 3 MB)	
	Intel® Core™ i5-540M processor (2.53 GHz, 3 MB)	
	Intel® Core™ i5-520M processor (2.4 GHz, 3 MB)	
OPERATING SYSTEM		
Operating system optional preinstalled	Genuine Windows® 7 Professional 64-bit TwinLoad Microsoft® Windows® XP Professional (DVD)	
Operating system compatible	Genuine Windows® XP Professional	
Operating system notes	Driver support for Microsoft® Windows® XP Dependent on configuration Windows 7® versions are: Microsoft Office 2007 ready Microsoft Office 2010 preloaded. Purchase a Product Key to activate a full Microsoft Office 2010 suite.	
MEMORY MODULES	2 GB (1 module(s) 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM	
	4 GB (1 module(s) 4 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM	
Supported capacity RAM (min.)	2 GB	
Supported capacity RAM (max.)	8 GB	
Memory slots total	2	
Memory slot type	DIMM (DDR3)	
Memory notes	DDR3 1333 MHz will be clocked with 1066 MHz in combination with Intel® dual Core processors.	
HARD DISK DRIVES (INTERNAL)	SSD SATA, 128 GB, 2.5-inch, S.M.A.R.T.	
	SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.	
	SATA, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T.	
	SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.	
	SATA, 5400 rpm, 160 GB, 2.5-inch, S.M.A.R.T.	
	FDE, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.	
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software	
WLAN (OPTIONAL)	Atheros Minicard b/g/n	
	Intel® Centrino® 6200 802.11 a/b/g/n	
WIRELESS TECHNOLOGIES		
Antennas	2 Dual band WLAN antennas, 2 UMTS antenna	
WLAN notes	Import and usage according to country-specific regulations.	
3G/UMTS (OPTIONAL)	Sierra Wireless Gobi 2000 (downlink 7.2 Mbit/s, uplink 5.76 Mbit/s)	
DISPLAY	39.6 cm (15.6-inch), LED backlight, (HD+), anti-glare display, magnesium, 1600 x 900 pixel, 300:1, 220 cd/m²	
	39.6 cm (15.6-inch), LED backlight, (HD), anti-glare display, magnesium, 1366 x 768 pixel, 400:1, 220 cd/m²	
	39.6 cm (15.6-inch), LED backlight, (HD), anti-glare display, compound, 1366 x 768 pixel, 400:1, 220 cd/m²	
MODULAR BAY OPTIONS	2nd battery	
	2nd hard disk drive	
	DVD Super Multi	
	Weight saver	

Base unit	LIFEBOOK E780 NVIDIA® graphics	LIFEBOOK E780 Intel® graphics
GENERAL SYSTEM INFORMATION		
Chipset	Intel® QM57	
Chipset notes	supports iAMT 6.0, vPro requires Core i5-5xx/i7 processor, Intel W-LAN & TPM module	

GENERAL SYSTEM INFORMATION		
BIOS features	BIOS based on Phoenix SecureCore	
GRAPHICS		
TFT resolution (DisplayPort)	up to 2560 x 1600	up to 2560 x 1600
TFT resolution (VGA)	up to 1920 x 1200	up to 1920 x 1200
TFT resolution (DVI on Port Replicator)	up to 1920 x 1200	up to 1920 x 1200
Graphics brand name	NVIDIA® GeForce® GT 330M	Intel® HD Graphics
Graphics features	DualView	DualView
Graphics notes		Shared memory depending on main memory size and operating system
Dedicated video memory	1 GB (DDR3 VRAM, 800 MHz)	
Shared video memory		up to 1695 MB
INTERFACES		
Memory card slots	1 (SD/MS/MSPro)	
ExpressCard slots	1	
PC Card slot (Type I/II)	1	
SmartCard slot	1	
SIM card slot	1 (usable only with 3G/UMTS)	
Modem (RJ-11)	1 (optional)	
eSATA	1	
USB 2.0 total	4	
FireWire (IEEE1394)	1	
Serial (RS-232)	1	
VGA	1	
DisplayPort	1	
Ethernet (RJ-45)	1	
DC-in	1	
Audio: line-in / microphone	1	
Audio: line-out / headphone	1	
Internal microphones	2 digital array microphones	
Docking connector for Port Replicator	1	
Kensington Lock support	2	
WIRED COMMUNICATION		
Modem type	Optional: 56 K V.92 modem MDC1.5	
LAN	10/100/1000 MBit/s Intel® 82577 LM	
KEYBOARD AND POINTING DEVICES		
	Spill-resistant keyboard	
	Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm	
	EcoButton Fingerprint sensor LockWorkstation button MobilityCenter button Second set of mouse buttons TouchStick (optional) Touchpad with two mouse buttons and scroll via fingerprint sensor	EcoButton Fingerprint sensor option (with scroll function instead of scroll button) LockWorkstation button MobilityCenter button Second set of mouse buttons TouchStick (optional) Touchpad with two mouse buttons and one scroll button
MULTIMEDIA		
Audio type	On board	
Audio codec	Realtek ALC269	
Audio features	Stereo speakers, 2 digital array microphones	
Camera	Optional: Built-in webcam, 1.3 megapixel, VGA camera	
POWER SUPPLY		
AC adapter	19 V / 100 W (5.27 A)	19 V / 80 W (4.22 A)
Rated voltage range	100 - 240 V (AC Input)	

POWER SUPPLY		
Rated frequency range	50 - 60 Hz	
1st battery	Li-Ion battery 8-cell, 5800 mAh, 83 Wh	
	Li-Ion battery 6-cell, 5200 mAh, 56 Wh	
2nd battery (optional)	Li-Ion battery 3-cell, 3800 mAh, 41 Wh	
Battery features	Rapid charge with 5200 mAh batteries	
Benchmark	Mobile Mark 2007 (readers mode – e.g. surfing the internet, writing E-mails, viewing documents)	
Runtime 1st battery	up to 5 h	up to 12 h
Runtime 1st + 2nd battery	up to 8 h	up to 18 h
Battery charging time	approximately 2:30 for 5,200mAh 1st battery, appr. 4:00 for 5,800mAh 1st battery	
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.	
POWER CONSUMPTION		
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=6a1ccce7-cb9f-46c2-979f-7b8ea5074bf8	
DIMENSIONS / WEIGHT / ENVIRONMENTAL		
Dimensions (W x D x H)	372 x 255 x 36 mm	
Weight	2.75 kg	2.7 kg
Weight notes	Actual weight may vary depending on configuration	
Operating ambient temperature	5 - 35°C	
Operating relative humidity	20 - 85 % (running)	
ADDITIONAL SOFTWARE		
Additional software (preinstalled)	Adobe Acrobat Reader Application Panel Display Manager ShockSensor Utility Power Saving Utility Wireless Selector Utility EasyGuide online user documentation Nero Essentials S (burning software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Toshiba Stack 4.x (not available for Windows® 7 operating systems)	
Additional software (optional)	Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) SmartCase Logon+	
MANAGEABILITY		
Manageability features	DeskUpdate Driver management iAMT 6.0 Intel® vPro™ technology	
Manageability type	DeskView 10.x client management including:	
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)	
Supported standards	WMI PXE BootP (made4you)	
Manageability link	http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html	
SECURITY		
Physical security	Kensington Lock support	
System security	Advanced Theft Protection Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Norton Internet Security (incl. Firewall) 90 days version	

SECURITY		
User security	Integrated Fingerprint Sensor Integrated SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password	Optional: Integrated Fingerprint Sensor Integrated SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password
COMPLIANCE		
Europe	CE CE! Nordic Swan	
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) WiFi certified ENERGY STAR® 5.0 EPEAT® Gold (dedicated regions)	
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx	

PORTREPLICATOR INTERFACES (OPTIONAL)			
	Port replicator/AC adapter/GB-cable kit	Port replicator/AC adapter/EU-cable kit	
DC-in	1 (19V)	1 (19V)	1 (19V)
Power on switch	1	1	1
Audio: headphone	1	1	1
Audio: microphone	1	1	1
USB 2.0 total	4	4	4
DisplayPort	1 (up to 2560 x 1600)	1 (up to 2560 x 1600)	1 (up to 2560 x 1600)
VGA	1	1	1
DVI	1 (up to 1920 x 1200)	1 (up to 1920 x 1200)	1 (up to 1920 x 1200)
Serial (RS-232)	1	1	1
Ethernet (RJ-45)	1 (10/100/1000)	1 (10/100/1000)	1 (10/100/1000)
Parallel	1	1	1
Kensington Lock support	1	1	2
eSATA	1	1	1

WARRANTY	
Standard Warranty	1 year (Intel GFX) / 2 years (NVIDIA GFX) - depending on configuration
Service level	Collect & Return Service / Bring-In Service (depending on country)
MAINTENANCE AND SUPPORT SERVICES - THE PERFECT EXTENSION	
Recommended Service	5x9, Response Time: Next Business Day (Intel GFX) or On-site Service (NVIDIA GFX)
Spare Parts availability	5 years
Service Weblink	htttp://ts.fujitsu.com/Supportservice

RECOMMENDED ACCESSORIES

LIFEBOOK bundle (Port rep\AC Adapter\EU-Cable Kit)		Flexibility, expandability, desktop replacement – to name just a few benefits of Fujitsu docking options.	Order Code: S26391-F516-L100

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LIFEBOOK bundle (Port rep\AC Adapter\UK-Cable Kit)		Flexibility, expandability, desktop replacement – to name just a few benefits of Fujitsu docking options.	Order Code: S26391-F516-L200
2nd battery		With a second battery you can maximize the working time of your notebook and work wherever you want for a whole working day. Just put the 2nd battery into the modular bay and enjoy truly mobile working – free from the power socket!	Order Code: S26391-F440-L200
MicroSaver® Combination Notebook Lock		Protect your notebook and the sensitive information on it from theft with the Kensington ComboSaver® Preset Combination Notebook Lock.	Order Code: S26361-F1650-L500
Prestige Case Midi		Zip-down case with cushioned Notebook compartment; separate second compartment for mobile accessories and documents; exterior compartment with workstation for mobile accessories; cushioned shoulder strap; trolley fastening strap an the back side For Tablet PC and Notebooks up to 370 x 295 x 50 mm	Order Code: S26391-F119-L60
Presenter IV Air		Do you often give presentations? Would you like to communicate pro actively with your audience during your presentations? Step up to the plate and make use of your freedom of movement with the Presenter IV Air Whether you're leafing through informative material, adjusting audio files or using the laser pointer to indicate special features, you have everything reliably under control with this presenter. Thanks to the 2D air mouse function you can even do away with the cable mouse and navigate through your files with ease	Order Code: S26381-K440-L100

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FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu LIFEBOOK E780, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

MORE INFORMATION

Learn more about Fujitsu LIFEBOOK E780, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. http://ts.fujitsu.com/mobile

FUJITSU GREEN POLICY INNOVATION

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT.
Please find further information at http://www.fujitsu.com/global/about/environment/

Green Policy Innovation

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